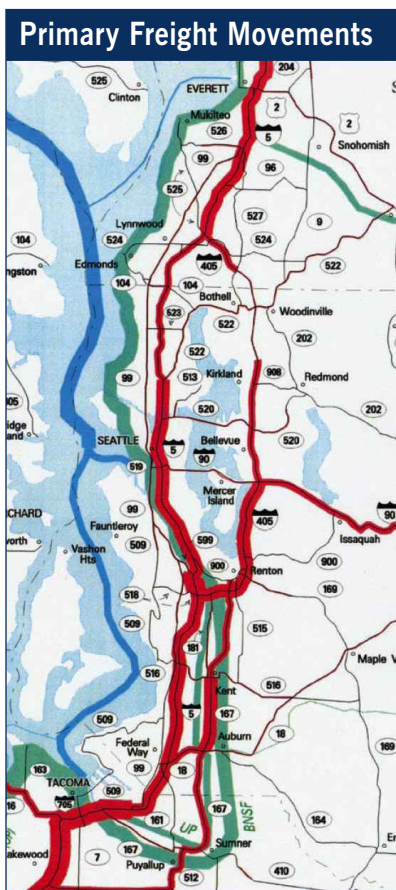


Drivers & Guiding Principles

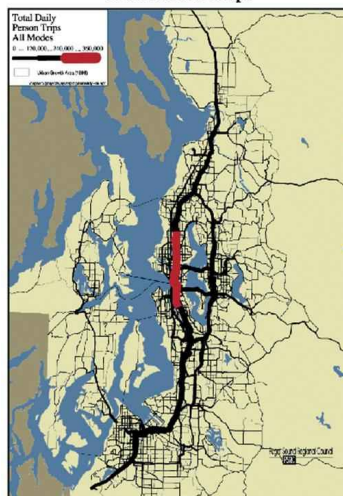
I-405 Implementation Principles

- Fulfill the Vision
- Worst First
- Finish Complete Logical Segments
- Geographic Investments
- Modal Balance
- Achieve Early Actions
- Early Environmental Action
- Minimize Overall Costs & Risks
- Minimize Construction Impacts

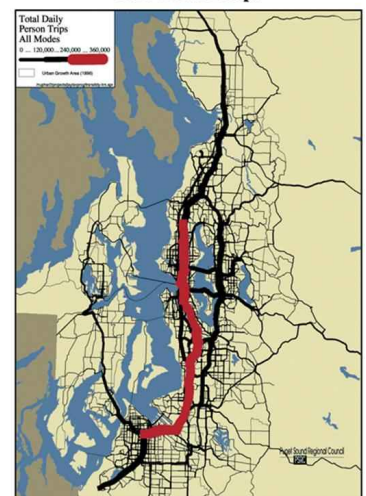


Regional freight movements – highway, rail & marine tonnages

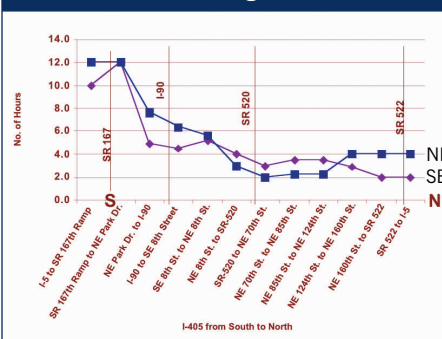
1995 Person Trips



2010 Person Trips

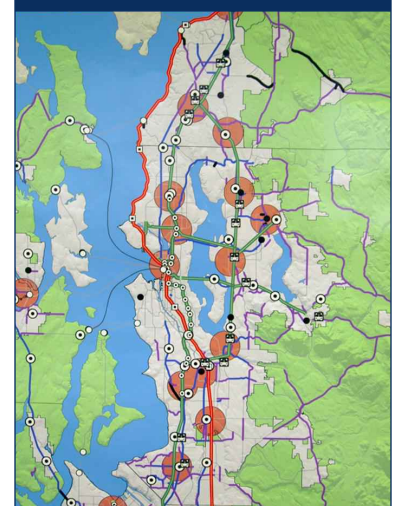


I-405 Traffic Congestion

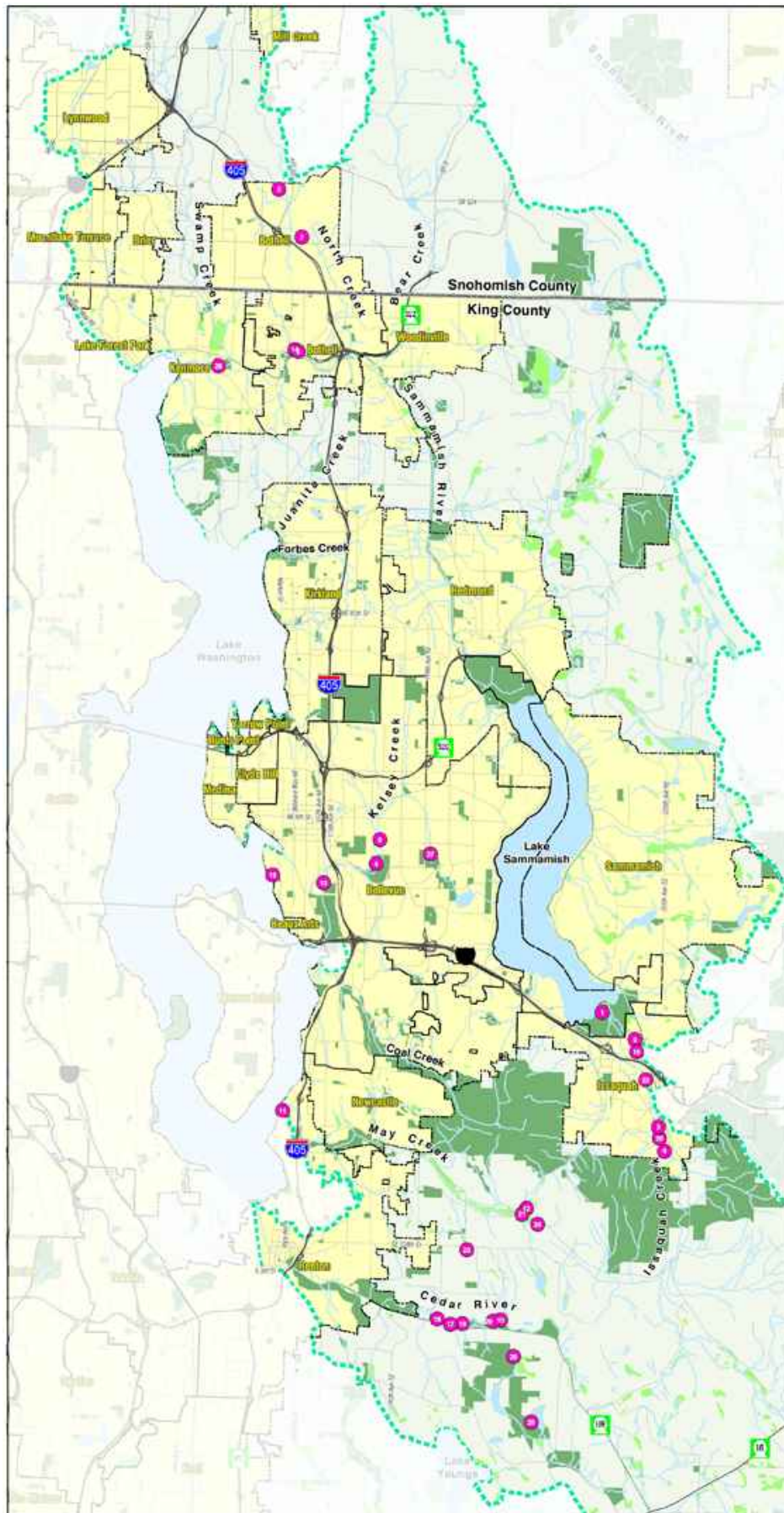


Current hours per day that I-405 is congested (45 mph or less) from south to north, for both northbound and southbound lanes

Urban Centers



Early Environmental Investments



Legend

- **EEI PROJECT**
- 1 - Sammamish State Park
- 2 - Thrasher's Regional Park Restoration
- 3 - Guano Acres
- 4 - Kelsey Creek West Tributary Stream Restoration
- 5 - Side Channel Restoration Near 102nd Avenue
- 6 - Squawk Valley Park
- 7 - North Creek Stream Enhancement
- 8 - Kelsey Creek Mainstem Salmon Restoration
- 9 - Pickering Farm
- 10 - Jeffries/Cook Channel
- 11 - May Creek Delta Restoration
- 12 - North Fork Realignment
- 13 - Mercer Slough Stream & Wetland Enhancement
- 14 - Wetland Restoration on Right Bank in Bothell
- 15 - Bush Lane
- 16 - Lower Summerfield
- 17 - Upper Summerfield
- 18 - Chism Beach Park
- 19 - Herzmann Levee
- 20 - Fowler Site
- 21 - North Fork Confluence Restoration
- 22 - Barnsten Site
- 23 - Enhancement & Restoration of Wetland #2
- 24 - North Fork of May Creek Corridor Habitat Conservation & Enhancement
- 25 - W258
- 26 - W207, W213, W217
- 27 - Kelsey Creek Daylighting
- 28 - Swamp Creek Regional Park Wetland & Stream Restoration
- 29 - Upper Riverbend
- Highway
- Arterial
- Lake
- Stream
- Study Area Boundary
- Wetland
- Park
- Municipality

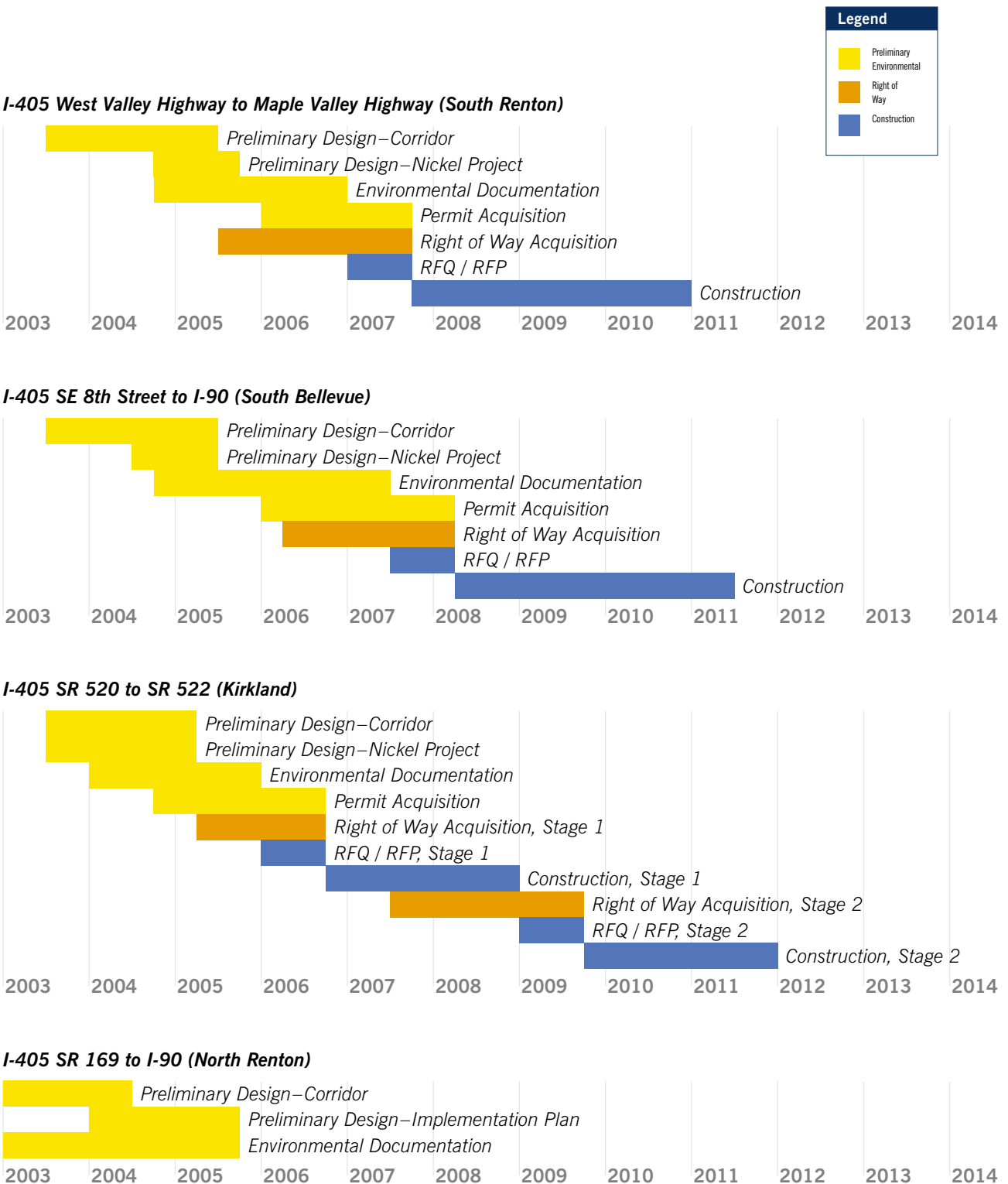


0 1 2 3 4 Miles

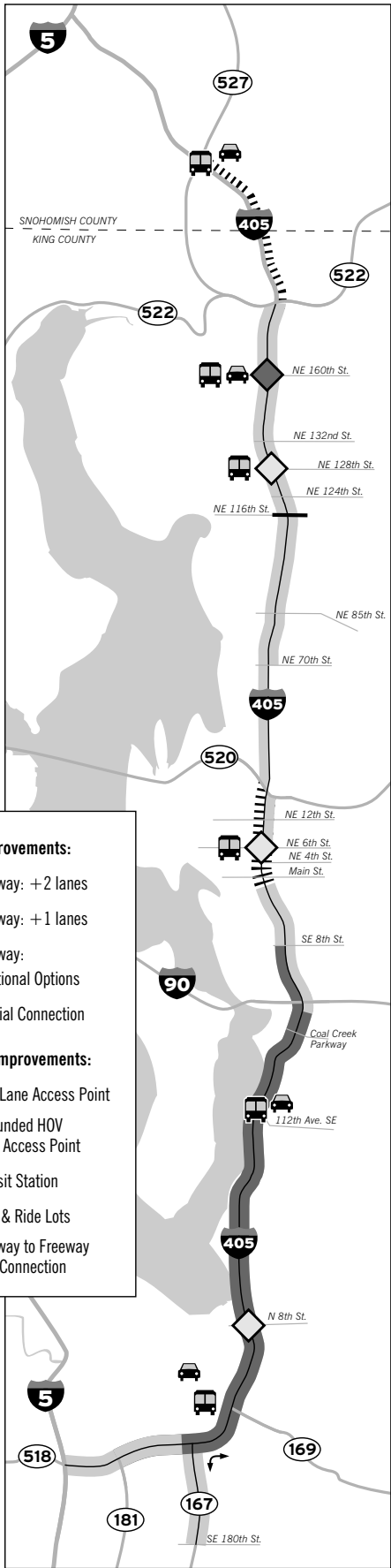




Schedule



Phase 2 Program



Corridor wide Performance in 2015

52,800 fewer hours people spend in congestion each day
 54,100 fewer hours vehicles spend in congestion each day
 3,800 fewer hours trucks spend in congestion each day
 76,600 more person trips serves each day
 \$13.7 million saved annual due to fewer accidents

Fig. 1: Bellevue to Tukwila Southbound PM Driving Speeds

Figure 1 shows the southbound lanes from Bellevue through the Renton “S curves” and the SR 167 interchange to Tukwila during the evening hours. By 2014, this trip will take 46 minutes with no improvements. With the proposed Phase 2 improvements, this trip will take 13 minutes – a savings of 32 minutes.

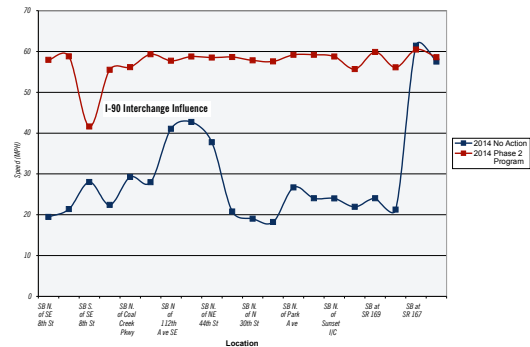


Fig. 2: Tukwila to Bellevue Northbound AM Driving Speeds

Figure 2 shows the northbound lanes from just north of SR 181 in Tukwila through Renton to the I-90 interchange. With the Phase 2 improvements, average speeds increase by 15 mph in this typically very congested area.

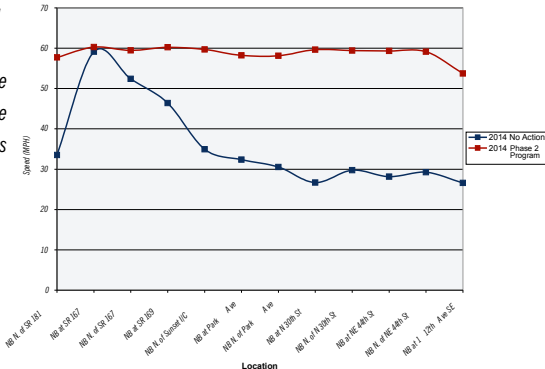
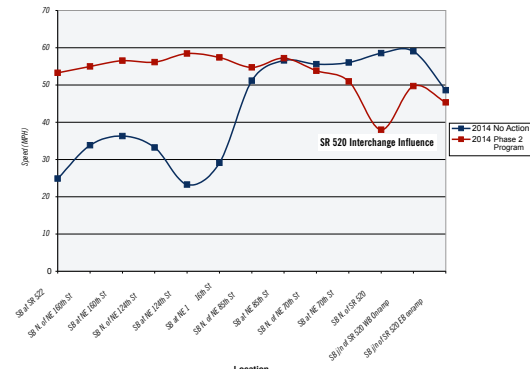
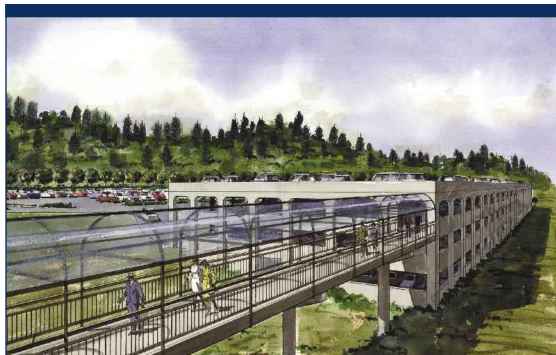


Fig. 3: Bothell to Bellevue Southbound AM Driving Speeds

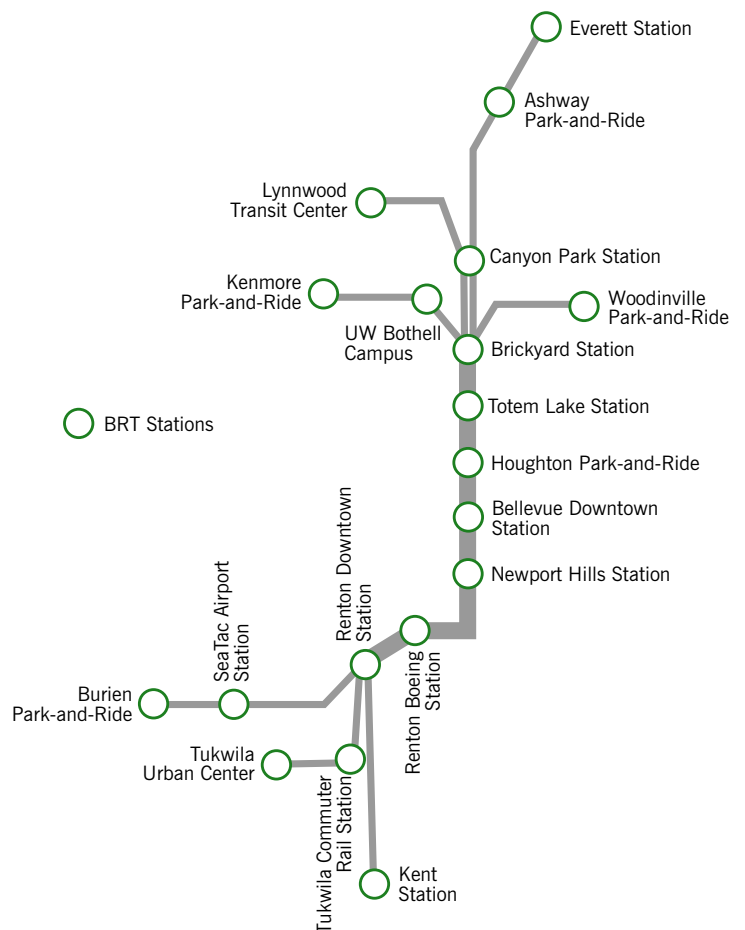
Figure 3 shows the southbound lanes from Bothell (SR 522) through the “Kirkland Crawl” to Bellevue near the SR 520 interchange. The average speed for this trip increases by 16 mph with Phase 2 improvements.



Bus Rapid Transit (BRT) on I-405: Fast, Reliable, Cost Effective



- The I-405 Plan calls for BRT stations next to freeways, supported by Park-and-Ride expansions and local transit service
- Provides high quality rapid transit service, with travel times comparable to driving a car
- Buses arrive frequently, no transit schedule needed
- Low floors and station ticketing minimize delays, improving travel time

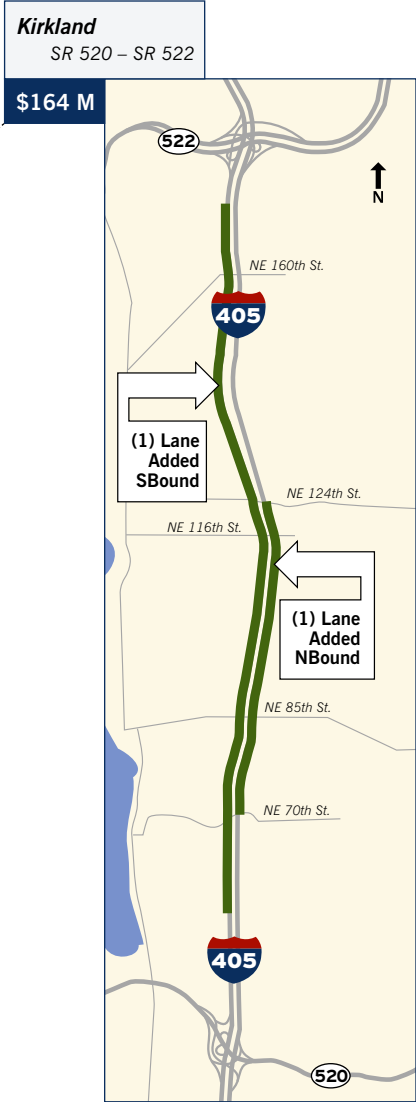
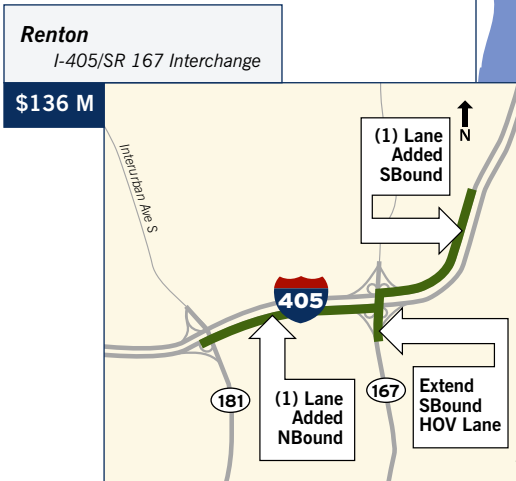
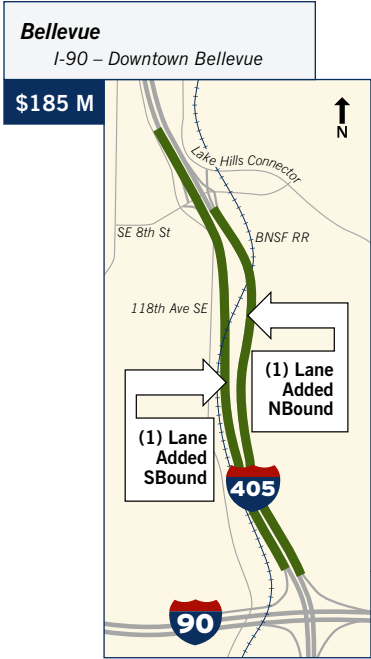




Corridor Program

Congestion Relief & Bus Rapid Transit Projects

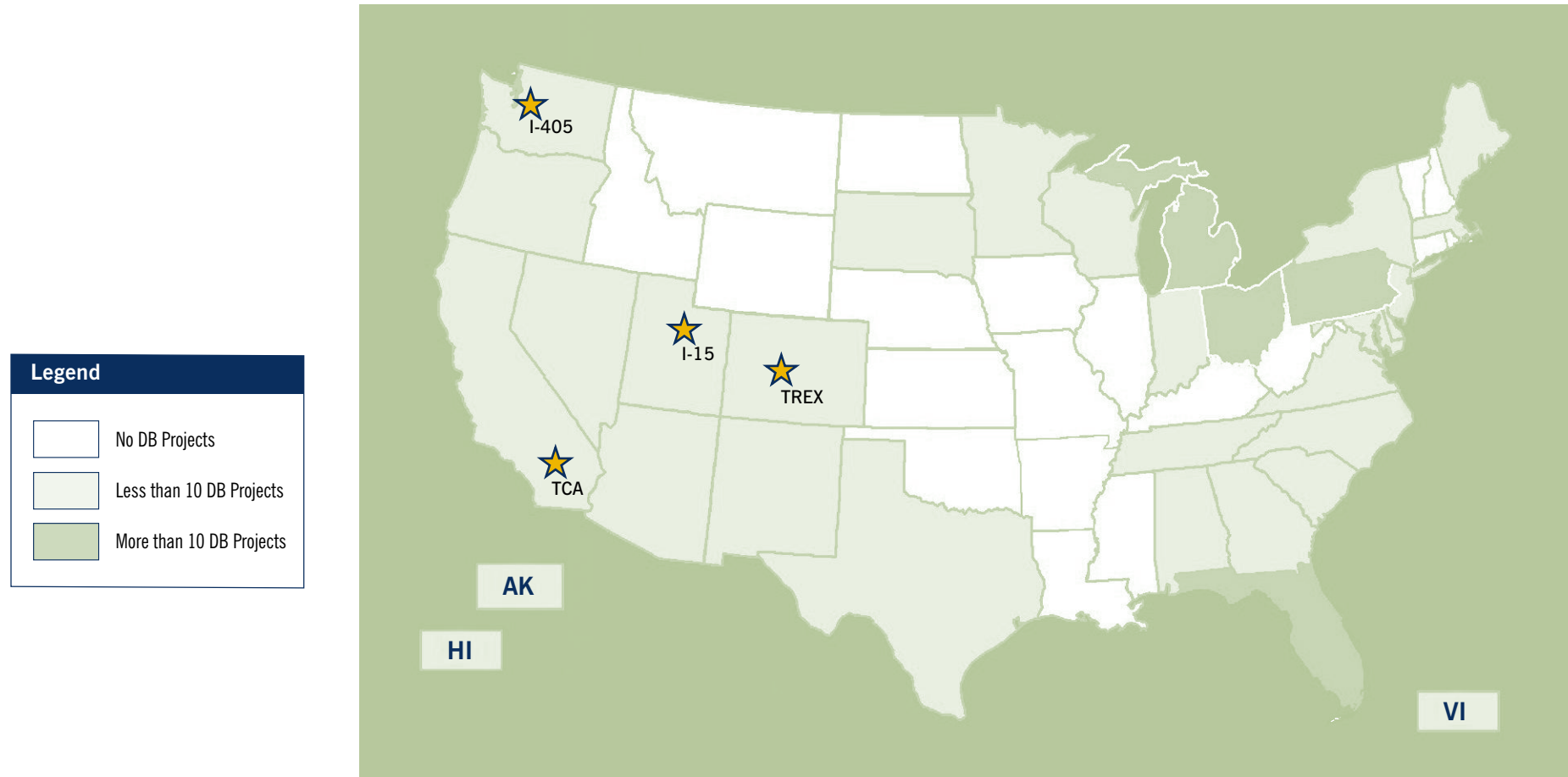
Phase I: Nickel Projects



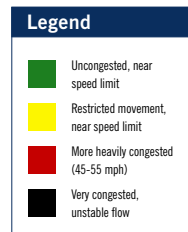
The 2003 Nickel Funding Package funds the improvements shown for Kirkland, Renton and Bellevue. These three projects are currently being designed.



Design-Build Use by State



Current Congestion Areas on I-405

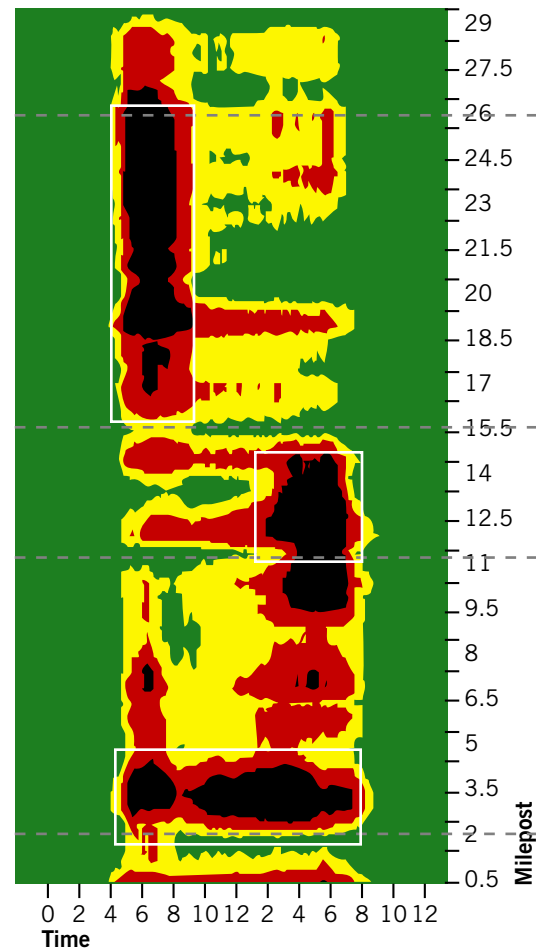


How to read these graphs

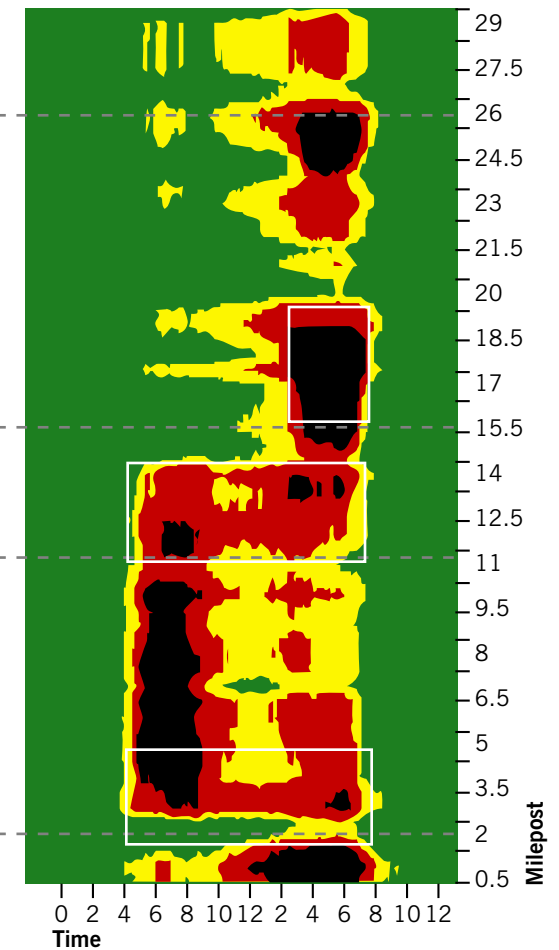
Each graph shows the level of congestion at a given time and at a specific point along I-405 north or southbound.

The lines that cross the page show the approximate location of four major highways on the graphs and a map of the entire I-405 area.

I-405 Southbound



I-405 Northbound



North 8th Street Direct Access Ramps





Nickel Projects Performance

